

APPENDIX B RECOMMENDED FENCE SPECIFICATIONS¹ FOR BIG GAME MOVEMENT

Kind of Livestock ²	Big Game Species	Number of Wires	Maximum Height (in)	Wire Spacing (from ground up)	Wire Type ^{3,4}
Cattle only	Deer, Elk, Pronghorn	3	38	16, 10, 12	Bottom smooth
Cattle and Sheep	Deer, Elk, Pronghorn	4	40	16, 6, 6, 12	Bottom smooth
Sheep only	Deer, Elk, Pronghorn	4	32	12, 6, 6, 8	Bottom smooth
Cattle only	Bighorn Sheep	3	39	20, 15, 4	Barbed

¹ These recommendations are designed for facilitating movement of both young and adult big game animals during all seasons including winter and spring when snow drifting can be expected.

² No standards are available for bison, but provisions for big game movement should be considered when building bison fences.

³ Woven (net) wire fences are not recommended.

⁴ One or more of the top wires may also be electrified.

References Consulted

- Bear, G.D. 1969. Antelope and net-wire fences. Colorado Division of Game, Fish and Parks, Game Information Leaflet No. 71. 3pp.
- Kie, J.G., V.C. Bleich, A.L. Medina, J.D. Yoakum, and J.W. Thomas. 1994. Managing rangelands for wildlife. Pages 663-688 in T.A. Bookout, ed. Research and management techniques for wildlife and habitats. The Wildlife Society, Bethesda, Md. 740pp.
- Kindschy, R.R. 1996. Fences, waterholes, and other range improvements. Pages 369-382 in P.R. Krausman, ed. Rangeland wildlife. The Society for Range Management, Denver, Colorado. 440pp.
- Lee, R.M., J.D. Yoakum, B.W. O'Gara, T.M. Pojar, and R.A. Ockenfels, eds. 1998. Pronghorn management guides. Pronghorn Antelope Workshop, Arizona Game and Fish Dept. and Arizona Antelope Foundation, Inc. 85pp.
- O'Gara, B.W. and J.D. Yoakum. 1992. Pronghorn management guides. Pronghorn Antelope Workshop, Rock Springs, Wyoming. 101pp.
- Sanderson, H.R., T.M. Quigley, E.E. Swan, and L.R. Spink. 1990. Specifications for structural range improvements. U.S.D.A. Forest Service, Gen. Tech. Rep. PNW-GTR-250, 120pp.
- Spillett, J.J., J.B. Low and D. Sill. 1967. Livestock fences - how they influence pronghorn antelope movements. Utah State Univ. Bull. No. 470. 79pp.
- USDI, Bureau of Land Management. 1989. BLM fence standards for livestock and wildlife. BLM Manual 1-1572.
- Yoakum, J. 1980. Habitat management guides for the American pronghorn antelope. Bureau of Land Management, Tech. Note 347. 77pp.